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010623
13643 D412-742-023
Job Sheet 193181



Part No: D412-742-023

Job Qty: 1 pcs

Part Name: New Skidtube, DART (Apical) Tri-Bag Float Compatible - Fits LH or RH



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 4/9/19

Job Tracking No: 13643

Due Date: 6/15/19

Created By: Dara Macdonald

Type: SOLD

Description:

Note: IIN-D412-742-2 REV.A IPP REV:A 17.11.02 NEW ISSUE DD VERF:JFS IPP REV:B 18.08.20 AS PER
CHG002 (DSI 9800) DD VERF:DP

Ship Via:

skidtube S194213

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	Packaging 1 - Pick Kit	1 pcs		6/15/19	0.00	0.00	Packaging 1 - 1		
							Packaging 1 - 2		
							Packaging 1 - 3		
							Packaging 1 - 4		
							Packaging 1 - 5		
							Packaging 1 - 6		
							Packaging 1 - 7		
							Packaging 1 - 8		
							Packaging 1 - 9		
							Packaging 1 - 10		
							Packaging 1 - 11		
							Packaging 1 - 12		
							Packaging 1 - 13		
							Packaging 1 - 14		
							Packaging 1 - 15		
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							Packaging 1 - 20		
							Packaging 1 - 21		
							Packaging 1 - 22		
							Packaging 1 - 23		
							Packaging 1 - 24		
							Packaging 1 - 25		
							Packaging 1 - 26		
							Packaging 1 - 27		
							Packaging 1 - 28		
							Packaging 1 - 29		

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JUN 26 2019



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Container No: S194213



Part: D412-742-023

Job No: 193181

Serial No/Batch: S194213

Revision: A/A

Inspector:

Exp Date:

Instructions: FAA STC SR01583SE 18/10/17 TC STC SH05-

Part Op 110 - Packaging1-4 (Pick Kit)
 Descriptions: 120 - QC4 (QC4-100% Inspect kits for completeness)
 130 - Packaging3-2 (Identify as per dwg & Stock Location:) Identify and pack for shipping as per PPP D412-742-023 Location : FG083
 135 - DC (Document Control) Photocopy blue file and create labels per PPP D412-742-023 CHG002
 140 - QC21 (QC21- Final Inspection - Work Order Release) NULL

140 QC 21 - FG	1 pcs	6/15/19	0.00 0.00	QC 21 - SA - 53	JUN 27 2019
135 DC - 1 - B4B	1 pcs	6/15/19	0.00 0.00	QC 21 - FG - 70	JUN 27 2019
				QC 21 - FG - 21	
				DC - 2 - B4B	
				DC - 1 - B4B	
				Packaging 3 - 36 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 2 - B4B	
130 Packaging 3-1 - Stock - B4B	1 pcs	6/15/19	0.00 0.00	Packaging 3 - 1 - B4B	
				QC 4 - 46	
				QC 4 - 9	
				QC 4 - 69	
				QC 4 - 58	
				QC 4 - 28	
120 QC 4	1 pcs	6/15/19	0.00 0.00	Packaging 1 - 36	
				Packaging 1 - 35	
				Packaging 1 - 34	
				Packaging 1 - 33	
				Packaging 1 - 32	
				Packaging 1 - 31	
				Packaging 1 - 30	

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Job BOM

Part / Item	Component Name	Quantity	Operation	Container
AN3C46A	Bolt	13 Ea (13 ea)	110-Packaging 1 - Pick Kit	5143729
AN4C47A	Bolt	4 Ea (4 ea)	110-Packaging 1 - Pick Kit	5167095
AN4C52A	Bolt	4 Ea (4 ea)	110-Packaging 1 - Pick Kit	5177996
AN4C6A	Bolt	16 Ea (16 ea)	110-Packaging 1 - Pick Kit	5124255
AN4C7A	Bolt	4 Ea (4 ea)	110-Packaging 1 - Pick Kit	5174222
AN6C12A	Bolt	8 Ea (8 ea)	110-Packaging 1 - Pick Kit	5174662
D2747	Set Screw	4 pcs (4 ea)	110-Packaging 1 - Pick Kit	5150679
D2876	Saddle Spacer	2 pcs (2 ea)	110-Packaging 1 - Pick Kit	5178520
D2877	Saddle Spacer	2 pcs (2 ea)	110-Packaging 1 - Pick Kit	5128265
D3405-041	Ground Handling Lug	1 Ea (1 ea)	110-Packaging 1 - Pick Kit	5186591
D3405-043	Ground Handling Lug	1 Ea (1 ea)	110-Packaging 1 - Pick Kit	5186685
D3407-041	Tow Ring	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5175577
D3456-1	Washer	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5157300
D3533-1	Set Screw	2 pcs (2 ea)	110-Packaging 1 - Pick Kit	5050331
D3672-3	Washer, Phenolic	32 pcs (32 ea)	110-Packaging 1 - Pick Kit	5131565
D3672-9	Washer	8 pcs (8 ea)	110-Packaging 1 - Pick Kit	7133084
D5446-1	Bushing	24 pcs (24 ea)	110-Packaging 1 - Pick Kit	5155969
D5466-1	Saddle, Fwd, In	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5180407
D5467-1	Saddle, Fwd, Out	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5180408
D5468-1	Saddle, Aft, Out	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5181259
D5469-1	Saddle, Aft, In	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5181760
D5482-1	Washer	8 pcs (8 ea)	110-Packaging 1 - Pick Kit	5144362
D5482-3	Washer	2 pcs (2 ea)	110-Packaging 1 - Pick Kit	5144389
D5513-1	Bushing	6 pcs (6 ea)	110-Packaging 1 - Pick Kit	5153459
MS21043-3	Nut	3 Ea (3 ea)	110-Packaging 1 - Pick Kit	5181801
MS21043-4	Nut	28 Ea (28 ea)	110-Packaging 1 - Pick Kit	5144558
NAS1149C0332R	Washer	75 Ea (75 ea)	110-Packaging 1 - Pick Kit	5174158
NAS1149C0432R	Washer	32 Ea (32 ea)	110-Packaging 1 - Pick Kit	5155658
NAS1149C0632R	Washer	8 pcs (8 ea)	110-Packaging 1 - Pick Kit	5043776
AN4C53A	Bolt	4 Ea (4 ea)	110-Packaging 1 - Pick Kit	5150067X1
D412-742-053	Repl. Skidtube, DART (Apical) Tri-Bag Float Compatible - Fits LH or RH	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5194182

QC.4

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-Packaging 1 - Pick Kit	AN3C46A	13	201	0
	AN4C47A	4	94	0
	AN4C52A	4	95	0
	AN4C53A	4	81	0
	AN4C6A	16	438	0
	AN4C7A	4	107	0
	AN6C12A	8	129	0
	D2747	4	152	0
	D2876	2	29	0
	D2877	2	32	0
	D3405-041	1	13	0
	D3405-043	1	10	0
	D3407-041	1	21	0
	D3456-1	1	163	0
	D3533-1	2	161	0
	D3672-3	32	10,668	0
	D3672-9	8	713	0
	D412-742-053	1	0	0
	D5446-1	24	230	0
	D5466-1	1	10	0
	D5467-1	1	10	0
	D5468-1	1	10	0
	D5469-1	1	10	0
	D5482-1	8	164	0
	D5482-3	2	46	0
	D5513-1	6	316	0
	MS21043-3	3	1,146	0
	MS21043-4	28	938	0
	NAS1149C0332R	75	4,223	0
	NAS1149C0432R	32	1,756	0
	NAS1149C0632R	8	142	0

Part Specifications

Specifications could not be found.

5.2 D412-742-023 (DART TRI-BAG) Float Skidtube Installation Parts List

Item	Qty -023	Qty -053	Part Number	Description
	X		D412-742-023	FLOAT SKIDTUBE INSTALLATION
	1	X	D412-742-053	FLOAT SKIDTUBE
		1	D412-742-055	WEARPLATE KIT
		1	D5425-043	FLOAT SKIDTUBE ASSY.
1		*6	*D3672-1	*WASHER
2		30	D5513-1	BUSHING
3		*12	*D5512-1	*CROSSBOLT SPACER
5		*1	*D5525-3	*FLOAT SKIDTUBE
6		*1	*D5483-041	*TOW CAP ASSY.
7		*1	*D5484-041	*AFT CAP ASSY.
12		*18	*D5518-1	*CROSSBOLT SPACER
13		*6	*AN3C5A	*BOLT
14		15	AN3C44A	BOLT
15		*6	*NAS1149C0332R	*WASHER
16		15	MS21043L3	NUT
30	1		D5466-1	SADDLE, FWD INSIDE
31	1		D5467-1	SADDLE, FWD OUTSIDE
32	1		D5468-1	SADDLE, AFT OUTSIDE
33	1		D5469-1	SADDLE, AFT INSIDE
34	16		AN4C6A	BOLT
35	28		MS21043-4	NUT
36	32		NAS1149C0432R	WASHER
37	32		D3672-3	PHENOLIC WASHER
38	8		AN4C52A	BOLT
39	24		D5446-1	BUSHING
40	8		AN6C12A	BOLT
41	8		NAS1149C0632R	WASHER
42	8		D3672-9	WASHER
43	2		D2876	SADDLE SPACER
44	2		D2877	SADDLE SPACER
45	4		D2747	SET SCREW
46	2		D3533-1	SET SCREW
47	4		AN4C7A	BOLT
50	1		D3407-047	TOW RING
51	2		D5482-3	ACETAL WASHER
52	1		D3456-1	WASHER
60	1		D3405-041	GHW LUG
61	1		D3405-043	GHW LUG
62	4		AN4C47A	BOLT
63	8		D5482-1	ACETAL WASHER
71	75**		NAS1149C0332R	WASHER
72	6		D5513-1	BUSHING
73	3		MS21043-3	NUT
74	13		AN3C46A	BOLT

*DENOTES PART IS INCLUDED WITH D5425-043 ASSEMBLY

**INCLUDES ADDITIONAL WASHERS TO COMPENSATE FOR VARIANCE IN STACKUP THICKNESS

4.0 WEIGHT AND BALANCE

When the DSI 9800-011 Wearplate Replacement Kit has been installed, the updated Weight and Balance for the D412-742-021/-023 Float Skidtubes is as follows:

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D412-742-021	73.4 lb	+/- 55 in	+/- 4037 in-lb	124 in	9102 in-lb
FLOAT SKIDTUBE INSTALLATION @ CHG 002	33.3 kg	+/- 1.4 in	+/- 46.5 m-kG	3.15 m	105 m-kG
D412-742-023	72.0 lb	+/- 55 in	+/- 3960 in-lb	124 in	8928 in-lb
FLOAT SKIDTUBE INSTALLATION @ CHG 002	32.7 kg	+/- 1.4 m	+/- 45.6 m-kG	3.15 m	103 m-kG

5.0 PARTS LIST

Qty -011	Part Number	Description
X	DSI 9800-011	REPLACEMENT WEARPLATE KIT
1	D5489-041	FWD WEARPLATE ASSEMBLY
1	D5489-3	MD WEARPLATE
1	D5489-045	AFT WEARPLATE ASSEMBLY
4	AN4C53A	BOLT
13	AN3C44A	BOLT
10	AN3C46A	BOLT
20	NAS1149C0332R	WASHER
4	MS21043-4	NUT
13	MS21043-3	NUT

Update the Parts List in IIN-D412-742-2 Rev A and ICA-D412-742-2 Rev 0 as follows.

Item	Qty -021	Qty -051	Qty -055	Part Number	Description
	X			D412-742-021	FLOAT SKIDTUBE INSTALLATION
	1	X		D412-742-051	FLOAT SKIDTUBE
		1	X	D412-742-055	WEARPLATE KIT
38	8			AN4C52A	BOLT
38a	4			AN4C52A	BOLT
38b	4			AN4C53A	BOLT

← DELETE
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Item	Qty -023	Qty -053	Part Number	Description
	X		D412-742-023	FLOAT SKIDTUBE INSTALLATION
	1	X	D412-742-053	FLOAT SKIDTUBE
		1	D412-742-055	WEARPLATE KIT
38	8		AN4C52A	BOLT
38a	4		AN4C52A	BOLT
38b	4		AN4C53A	BOLT

← DELETE
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APPROVED

DESIGN	MW	DART AEROSPACE USA, INC EUGENE, OR	
DRAWN	MW		
CHECKED	NO	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9800	SHEET 5 OF 5
APPROVED	NO	TITLE	SCALE
DE APPR.	DS	WEARPLATE REPLACEMENT	NTS
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Change Record

PAGE 1 OF 1

Part Number: D412-742-023Description: FLOAT SKIDTUBE INSTALLATION (DART TRI-BAG)[illegible]